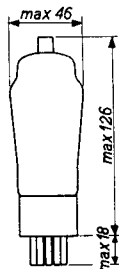
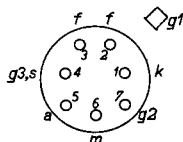
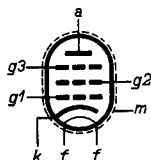


PENTODE for use in telephone equipment
PENTHODE pour utilisation en équipement téléphonique
PENTHODE zur Verwendung in Telefon-Anlagen

Heating: indirect by A.C. or D.C.;
 parallel supply
 Chauffage: indirect par C.A. ou C.C.; $V_f = 21\text{ V}$
 alimentation en parallèle $I_f = 0,285\text{ A}$
 Heizung: indirekt durch Wechsel-
 oder Gleichstrom;
 Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Capacities
 Capacités
 Kapazitäten

$C_a = 10,5\text{ pF}$
 $C_{g1} = 16\text{ pF}$
 $C_{ag1} < 0,02\text{ pF}$
 $C_{g1f} < 0,1\text{ pF}$

Typical characteristics
 Caractéristiques typiques
 Kenndaten

V_a	=	125 V
V_{g3}	=	0 V
V_{g2}	=	125 V
R_k	=	200 Ω
I_a	=	8 mA
I_{g2}	=	2,5 mA
S	=	8,3 mA/V
μ_{g2g1}	=	42 -
R_i	=	350 k Ω
Req (H.F.)	= max.	1 k Ω
Req (L.F.; B.F.; N.F.)	= max.	10 k Ω

Operating conditions for use as pre-amplifier
 Caractéristiques d'utilisation comme préamplificatrice
 Betriebsdaten zur Verwendung als Vorverstärker

V_a	= 125 V	I_{g2}	= 1,3 mA
V_{g3}	= 0 V	S	= 5,5 mA/V
V_{g2}	= 125 V	R_i	= 550 k Ω
R_k	= 440 Ω	V_o	= 4,35 N
R_a	= 16 k Ω	V_i	
I_a	= 4,5 mA	R_{g1}	= max. 1 M Ω
R_{g1}	(with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.) = max. 0,5 M Ω		

Operating conditions for use as output valve
 Caractéristiques d'utilisation comme tube de sortie
 Betriebsdaten zur Verwendung als Endröhre

V_a	= 125 V	I_{g2}	= 2,5 mA
V_{g3}	= 0 V	S	= 8,3 mA/V
V_{g2}	= 125 V	R_i	= 350 k Ω
R_k	= 200 Ω	W_o	= 0,1 W
R_a	= 30 k Ω	d_{tot}	< 5 %
I_a	= 8 mA	R_{g1}	= max. 0,3 M Ω
R_{g1}	(with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.) = max. 0,15 M Ω		

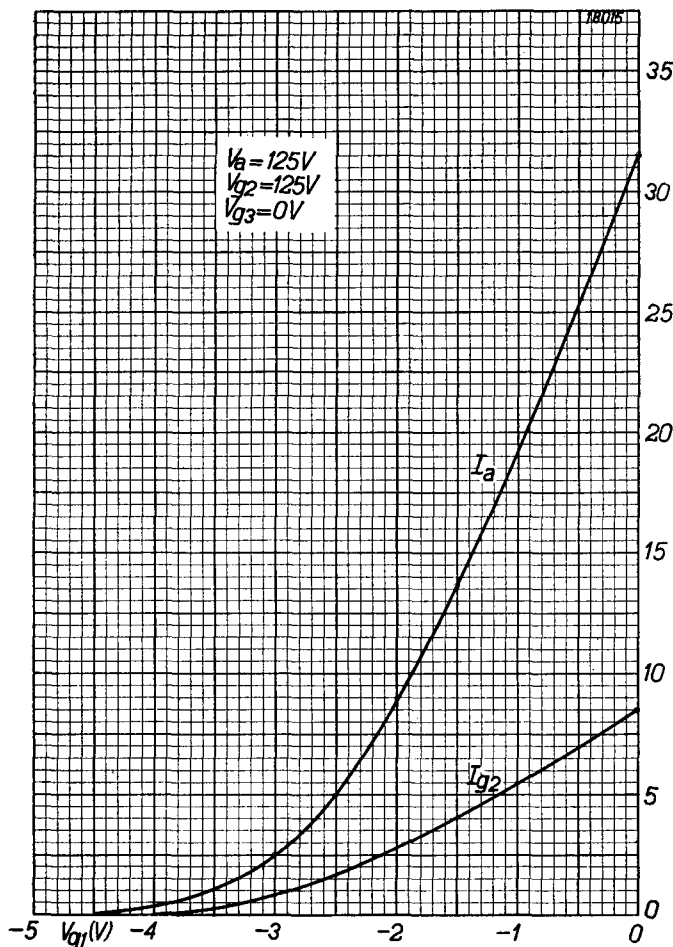
Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a_o}	= max. 300 V
V_a	= max. 150 V
W_a	= max. 1,2 W
V_{g2_o}	= max. 300 V
V_{g2}	= max. 150 V
W_{g2}	= max. 0,4 W
I_k	= max. 13 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max. -1,3 V
V_{fk}	= max. 50 V
R_{fk}	= max. 20 k Ω

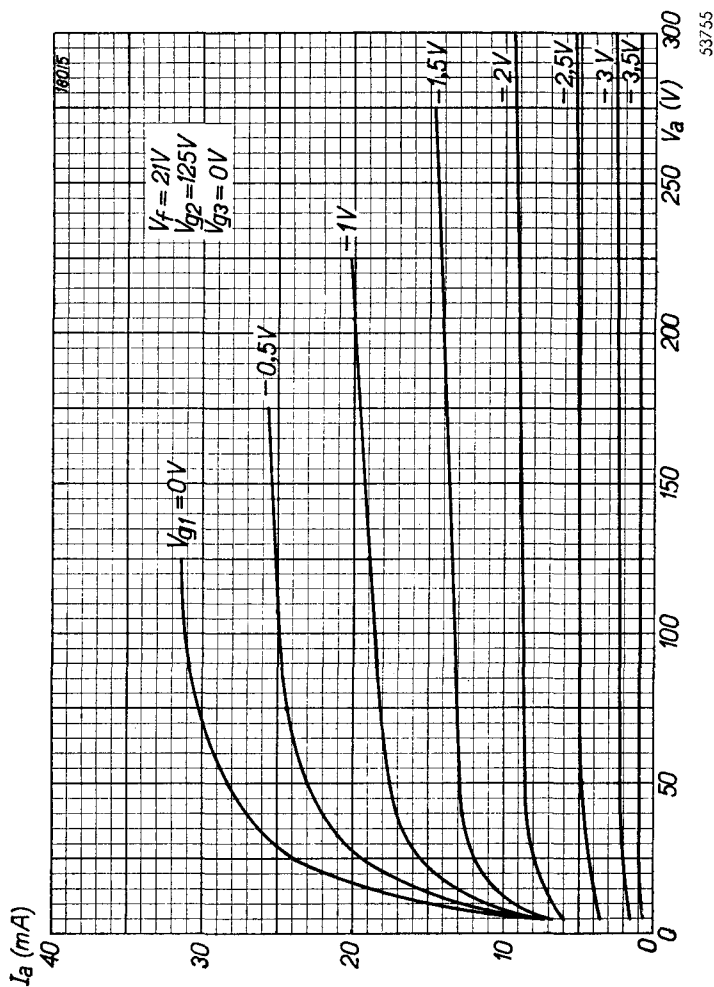
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page	sheet	date
1	1	1948.09.16
2	2	1948.09.16
3	3	1958.05.01
4	4	1958.05.01
5	FP	1999.08.14